Exercise Timelines and Product Delivery: Cascadia Rising 2016 and Vigilant Guard 17

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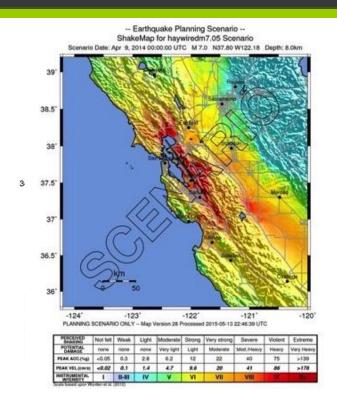
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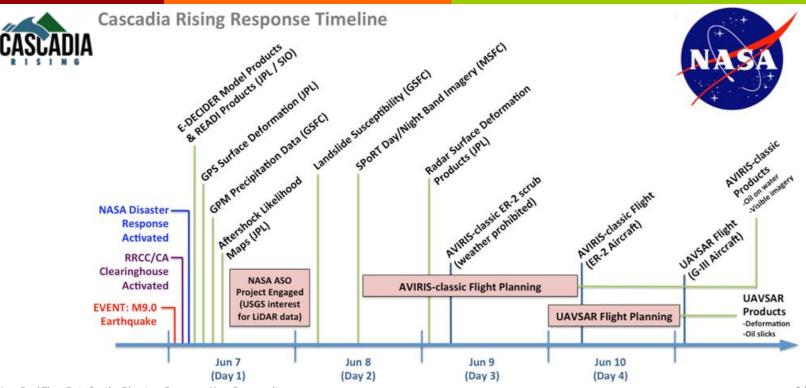
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The Exercises

- Cascadia Rising was a FEMA National Level Exercise held 7-10 June 2016
 - The scenario included a M 9.0 earthquake resulting in the complete rupture of 700-mile Cascadia Subduction Zone that triggered a tsunami and multiple aftershocks
- Vigilant Guard 17 was a Full Scale National Guard Exercise hosted by California and Nevada held 10-14 November 2016
 - The scenario included a M 6.0 earthquake east of Las Vegas and a M 7.8 earthquake in southern California with multiple aftershocks
- Upcoming: Haywired 2017 California Exercise is an earthquake scenario to model and study impacts on the San Francisco Bay area from a Mw 7.05 earthquake on the Hayward fault (planned early 2017)
 - Builds upon understanding of the last large earthquake to occur on the Hayward fault in 1868
 - Considers that modern urban infrastructures are made vulnerable by multiple layers of interdependencies between lifelines
 - Also considers impacts from a sequence of aftershocks following the main earthquake



Exercise Timeline & Product Delivery



Master Scenario Event List (MSEL)

- Lists in chronological order the events and injects that drive exercise play
- Links simulation to action, enhances exercise experience for players, and reflects an incident or activity that will prompt players to implement the policy or procedure being tested
- Contains at minimum:
 - Designated scenario time
 - Event synopsis
 - Expected action
 - Intended player
 - Notes section
- Examples:
 - Cascadia Rising (CA Earthquake Clearinghouse, NASA)
 - May 2015 Capstone (same scenario as VG 17)

http://www.michigan.gov/documents/deq/deq-wb-wws-Binder7_271811_7.pdf

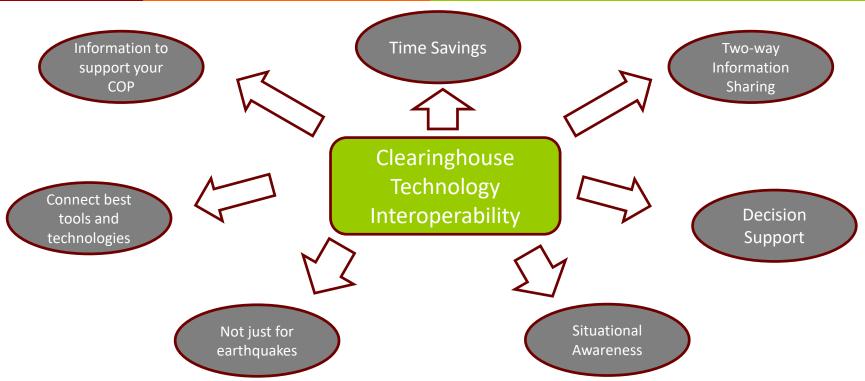
Thank you for your attention!

Questions?

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Value of Clearinghouse Data Sharing Efforts



Information Sharing Between Multiple State, Federal, Local Organizations through XchangeCore connected applications



























